

What is claimed is:

1. A method for producing geranylgeraniol and/or farnesol, which comprises culturing geranylgeraniol- and/or farnesol-producing cells belonging to any one of the following genera:

Saccharomyces,

Saccharomycopsis,

Saccharomycodes,

Schizosaccharomyces,

Wickerhamia,

Debaryomyces,

Hansenula,

Hanseniaspora,

Lypomyces,

Pichia,

Kloeckera,

Candida,

Zygosaccus

Ogataea,

Kuraishia,

Komagatae

Yarrowia,

Williopsis,

Nakazawa

Kluyveromyces,

Torulaspora,

Citeromyces,

Waltomyces,

Bacillus,

Staphylococci

Pseudomonas.

Micrococcus.

Exiguobacter

Mucor

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Ambrosiozyma,
Cystofilobasidium,
Metschnikowia,
Trichosporon,
Xanthophyllomyces,
Bullera,
Fellomyces,
Filobasidium,
Holtermannia,
Phaffia,
Rhodotorula,
Sporidiobolus,
Sporobolomyces,
Zygoascus,
Haloferax,
Brevibacterium,
Leucosporidium,
Myxozyma,
Trichosporiella, and
Alcaligenes

in a medium to produce and accumulate geranylgeraniol and/or farnesol in the cells and/or in the extracellular environment; and then collecting geranylgeraniol and/or farnesol.

2. A method for producing nerolidol, which comprises culturing nerolidol-producing cells belonging to any one of the following genera:

Saccharomyces,
Cryptococcus,
Candida,
Streptomyces,
Nocardia,
Cystofilobasidium,
Rhodotorula,
Willopsis, and
Haloferax

in a medium to produce and accumulate nerolidol in the cells and/or in the extracellular environment; and then collecting nerolidol.